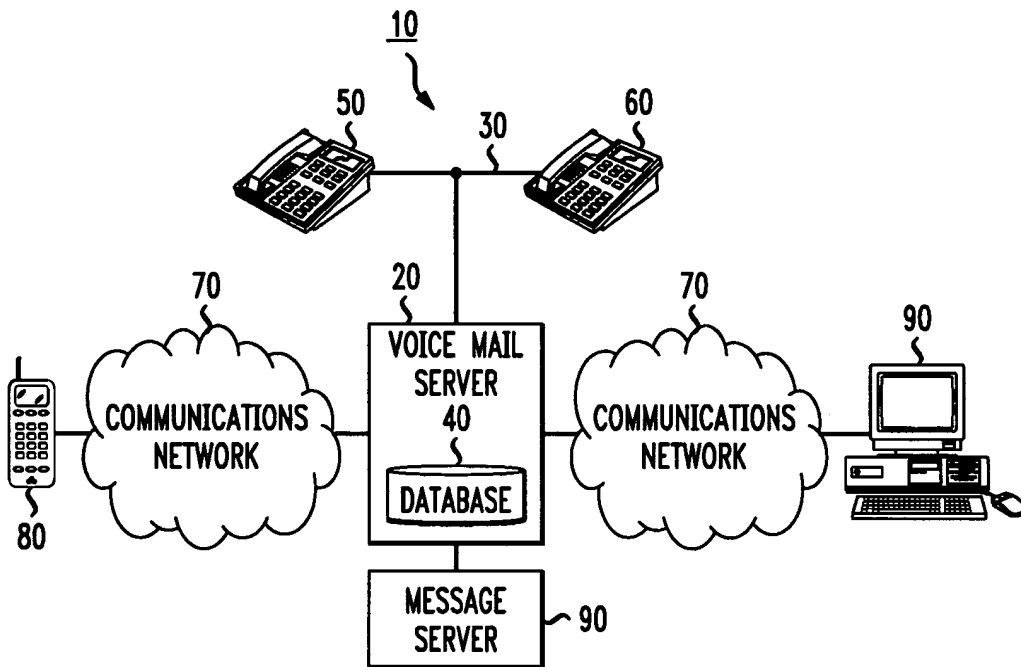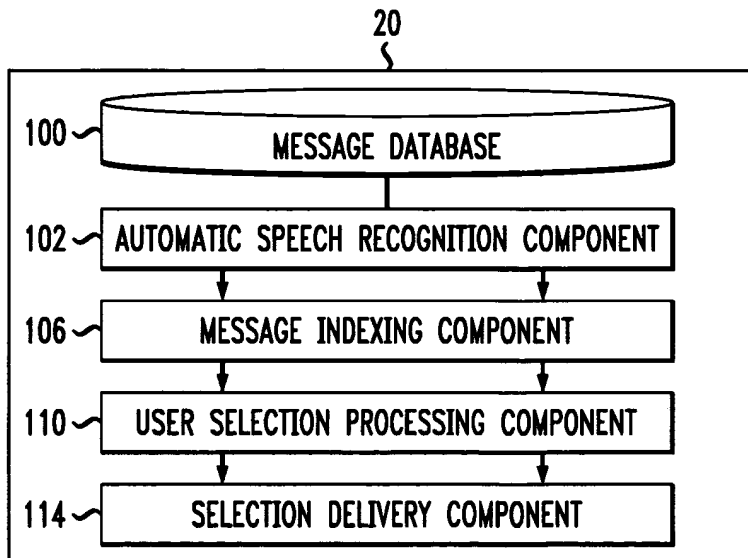## FIG. 1

FIG. 2

FIG. 3

```
"/121/19980206/m0002_0001.wrd"
0    4300000  <pause> -709.279968
4300000   8000000  hi -985.438416
8000000   11900000  norm -862.465698
11900000  12600000  <pause> -109.502197
12600000  14600000  this -393.968506
14600000  16100000  is -312.906494
16100000  19900000  dennis -711.397949
19900000  20000000  <pause> -23.782471
20000000  24300000  picture -1002.252441
24300000  26400000  from -434.089355
26400000  30900000  kerry -934.740723
30900000  33500000  i'm -617.563477
33500000  36300000  <pause> -459.059570
      .
"/121/19980206/m0002_0002.wrd"
0    800000  <pause> -103.467438
800000    5000000  i'll -794.972290
5000000   7000000  <pause> -261.781982
7000000   9300000  try -615.737061
9300000   10600000  to -926.002930
10600000  13800000  reach -748.058838
13800000  15600000  you -281.607422
15600000  19700000  to -926.002930
19700000  26200000  describe -1454.250000
26200000  28600000  <pause> -516.337891
28600000  31800000  jury -849.795410
31800000  37800000  features -1497.018066
37800000  38200000  <pause> -820.351562
38200000  43500000  separate -1221.338867
43500000  44500000  it's -233.091797
44500000  47500000  kerry -511.095703
47500000  48800000  i'm -289.250000
48800000  52100000  cable -889.345703
52100000  55300000  modem -796.843750
55300000  60900000  system -1215.606445
60900000  67200000  <pause> -820.351562
67200000  68300000  i -284.554688
68300000  70100000  can -448.887695
```

FIG. 3cont.

```
40          70100000   71400000  be −300.851562
            71400000   75600000  reached −878.313477
            75600000   77400000  at −326.575195
            77400000   81400000  seven −799.068359
            81400000   83200000  eight −326.339844
45          83200000   83300000  <pause> −48.970703
            83300000   87000000  one −819.361328
            87000000   94200000  <pause> −846.384766

                    .
            "/121/19980206/m0002_0003.wrd"
50          0 700000   <pause> −64.221443
            700000     2800000   two −580.557251
            2800000    6900000   five −877.404053
            6900000    11600000  nine −860.316040
            11600000   13800000  <pause> −234.094727
55          13800000   17200000  nine −729.974609
            17200000   17300000  <pause> −59.046631
            17300000   21100000  one −703.621582
            21100000   22200000  <pause> −170.018555
            22200000   21500000  one −690.791016
60          25100000   25200000  <pause> −39.735352
            25200000   30400000  six −1118.569336
            30400000   32900000  <pause> −235.157227
            32900000   35500000  thank −618.897461
            35500000   37600000  you −496.676270
65          37600000   41100000  <pause> −393.938477
            41100000   44600000  bye −632.617676
            44600000   48400000  <pause> −465.435547
            48400000   49100000  .onhk −286.765625
            49100000   49500000  <pause> 201.351562
70
```

FIG. 4

200

SCANMAIL [010215]: EXTERNAL CALL   — ⬜ X

File Edit Message Window Demo

Get Msg | New Msg | Open | Back | Fwd | File | File | File | Print | Delete

NAME
daikon
 Inbox
 Trash

SEARCH QUERY:

Caller/Sender	Size	Subject/Tel.#	Date	Highlights	Notes
durand, david	45s	External Call	08/01/00 16:02	☎	david, durand
Walker, Marilyn	19s	8956	08/07/00 10:09	☎	
griffiths, julie	85s	External Call	08/16/00 09:38	☎	julie on-line reg
kellog, wendy	55s	External Call	08/29/00 15:43	☎	wendy program change

210
230
220
XXXX XXXX XXXX XXXX XXXX XXXX XXXX

DEL | SAVE

Note: julie on-line reg

Subject: External Call   Date: Wed Aug 16 19:38:22 EDT 2000

Hi Steve, its Cheryl process um anything we should have collected today. I'm so sorry.   240

i'm supposing say work on site the conference that the vending uh few days right i'm at home um.
um i'm starting tomorrow and i'm sorry i actually if you could call me because of it you want me to talk to you

uh let me give you my cell phone number, its area code 232-627-8974   244

and if you can call me i cna tell you i have much to complicated to pu into an e-mail

so, uh can just call me and I'll pick you up, uh i believe you wanted to know what happened uh.   248

I'm also going to leave a message when he is well

Total Messages: 99   Unread Messages:0

FIG. 5

```
310 ──┤ RECEIVE SPEECH FILE(S) │
             │
             ▼
320 ──┤ PERFORM AUTOMATIC SPEECH
        RECOGNITION ON SPEECH FILE(S) │
             │
             ▼
330 ──┤ INDEX SPEECH FILE(S) │
             │
             ▼
340 ──┤ PROVIDE TRANSCRIPT OF INDEXED
        SPEECH FILE(S) TO USER │
             │
             ▼
350 ──┤ RECEIVE USER'S SELECTION OF
        PORTION(S) OF SPEECH FILE(S)
        TRANSCRIPT │
             │
             ▼
360 ──┤ PROVIDE SELECTED PORTION(S) OF
        SPEECH FILE(S) TO PARTIES SPECIFIED
        BY USER │
```